

**Request to Archive
With The National Centers for Environmental Information
For Tanzania Upper Air Data
Provided by IEDRO**

2016-11-17

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

Larry Nicodemus
IEDRO
Associate
larry.nicodemus@gmail.com
contact Jason Cooper

2. Name the organization or group responsible for creating the dataset.

IEDRO > International Environmental Data Rescue Organization

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

In-situ upper air data keyed from images scanned on-site in Tanzania and archived at NCEI. Image files, text files and Excel files containing surface wind, direction and speed, pibal obs at various levels of direction and speed, as well as azimuth and elevation. Data are from two stations: Mawanza (WMO ID 63756) and Mbeya (WMO ID 63932).

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 1962-01-01 to 1985-12-31

5. Edition or version number(s) of the dataset:

N/A

6. Approximate date when the dataset was or will be released to the public:

2017-02-01

7. Who are the expected users of the archived data? How will the archived data be used?

Climate researchers who would benefit from more complete global upper air datasets.

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

No

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

Observational forms from which these data came are archived at NCEI. These data are in a format consistent with other upper-air data archived at NCEI.

10. List the input datasets and ancillary information used to produce the data.

Observational forms from which these data came are archived at NCEI. Original forms held at the Tanzania Meteorological Agency. WMO Station IDs used to link data to station metadata.

11. List web pages and other links that provide information on the data.

<http://iedro.org/activities/tanzania/>

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. data format specifications, user guides (including readme), instrument metadata

13. Indicate the data file format(s).

1. CSV

14. Are the data files compressed?

No

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

Organized by: yyyyymm

Image file name pattern: "NNNNNN_YYYY_mm_nnnn" where:

NNNNNN is a 6 digit WMO#

YYYY is year

mm is month number

nnnn is a camera generated 4 digit number.

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

No sample data files will be provided

17. What is the total data volume to be submitted?

Historic Data: all historic data or data submitted as a completed collection.

Total Data Volume: 12.2GB

Number of Data Files: 200

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

No additional updates, revisions or replacement data are anticipated.

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: Not Applicable (Physical Media Delivery)

System Name: Not Applicable (Physical Media Delivery)

System Owner: Not Applicable (Physical Media Delivery)

Additional Information:

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. Physical Media Delivery

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

These data come from data-sparse East Africa. They may be included into global upper-air datasets such as IGRA to expand the spatial coverage of these datasets.

24. Are the data archived at another facility or are there plans to do so? Please explain.

No

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

No existing agreement in place. IEDRO is a data rescue organization and seeks to continue the partnership with NCEI to archive rescued environmental data and preserve it for future use. Working with Jason Cooper in this partnership.

26. Do you have a data management plan for your data?

No

27. Have funds been allocated to archive the data at NCEI?

No

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

N/A

29. Is there a desired deadline for NCEI to archive and provide access to the data?

No deadlines for archive or access.

30. Add any other pertinent information for this request.

None